

**PREPARATION**

- ENSURE ADEQUATE SUPPLY OF 3 PHASE ELECTRIC IS AVAILABLE VIA 32AMP 5PIN SOCKET FROM MAINS SUPPLY OR VIA 12KVA GENERATOR.
  - ENSURE FLOOR AREA HAS ANY HAZARDS AS BOLTS MARKED TO AVOID
  - ENSURE CORRECT SPECIFIED PLATE FOR JOB IS FITTED TO HEAD.
  - CHECK THE MACHINE IS LEVEL AND ADJUST WITH BACK WHEELS AS REQUIRED
  - ONLY USE THE HEAD WEIGHT IF A HIGHER PRESSURE IS NEEDED.
1. CONNECT DUST HOSE TO ENTRY PORT AT REAR OF MACHINE
  2. CONNECT 3PHASE LEAD TO MACHINE SOCKET
  3. MAKE SURE HEAD IS RAISED
  4. CHECK DUST SKIRT IS SET CORRECT HEIGHT ABOUT 1MM FROM FLOOR
  5. TURN **RED POWER** ON SWITCH ON PANEL
  6. CHECK **RED STOP** SWITCH ARE OUT, TWIST TO CHECK
  7. PRESS START BUTTON AND CHECK ROTATION IS CORRECT  
(IF ROTATION IS BACKWARDS PRESS STOP AND CHECK PHASES FROM SUPPLY)

**YOU ARE NOW READY TO START GRINDING**

8. USE BUTTONS TO LOWER THE HEAD TO THE FLOOR WHILST MOVING THE MACHINE LEFT TO RIGHT OR FORWARD TO BACKWARD.
9. ALLOW THE MACHINE TO WORK IN A FIGURE OF EIGHT AND IT SHOULD FREE FLOAT.

**AT NO TIME ALLOW THE MACHINE TO STOP MOVING  
WHILST THE PLATES ARE IN CONTACT WITH THE SURFACE**

10. TO STOP THE MACHINE USE BUTTONS TO RAISE THE FRONT PLATES COME OFF THE FLOOR
11. PRESS THE STOP BUTTON ON THE CONTROL PANEL AND WAIT UNTIL HEAD STOPS

**AFTER APPROX 15MINS USE STOP MACHINE AND CHECK THE WEAR ON DIAMOND HEAD**

12. AFTER USE THE MACHINE MUST BE CLEANED OF ANY DUST OR DEBRIS RESIDUE.

Specifications	
Type :	<b>Electric</b>
Power Output (Kw) :	<b>5.5</b>
Head Speed (rpm) :	<b>1400</b>
Motor Speed (rpm) :	<b>2800</b>
Ballast Weight (Kg) :	<b>1x20</b>

Electrical Requirements	
Voltage (v) :	<b>380 ~ 415</b>
Cycles (Hz) :	<b>50</b>
Phase :	<b>Three</b>
Plug Size :	<b>16 Amp 5 Pin</b>
Cable Size (mm) :	<b>2.5 - 4 Core</b>
Max. Cable Length (m) :	<b>75</b>
Generator (Kva) :	<b>12</b>

